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UNITED STATES DEPARTMENT OF AGRICULTURE
DIRECTOR OF SCIENTIFIC WORK
Washington
July 1,
1932

Dr. A. F. Woods, Director of Scientific Work,
and Graduate School, and Members of the School Council.

Gentlemen:

Following is the annual report of the Graduate School
of the United States Department of Agriculture for the school
year of 1931-32:

The school year opened the week beginning October 19,
1931, and the last class of the year was held June 7, 1932.

Twenty-seven courses were offered and 23 given, 4 having
been withdrawn because of lack of students. Of the 23 courses
given 13 were graduate and 10 undergraduate. Of the graduate
courses 8 were 2-semester and 5 were 1-semester courses.

The graduate courses were--

- (1) Control of Plant Diseases
- (2) Phase Rule and Catalysis
- (3) Advanced Course in Statistics for Biological Workers
- (4) Scientific Instruments and their Use
- (5) Advanced Statistical Methods
- (6) History of American Agriculture
- (7) Business Cycles in Relation to Agriculture
- (8) Plant Anatomy
- (9) General Protozoology
- (10) Prices and Price Relations
- (11) Introduction to Enzyme Chemistry
- (12) Mycology
- (13) Elementary Mathematical Economics (withdrawn after few
weeks because of lack of students)

The undergraduate courses were--

- (1) Glass Blowing
- (2) Elementary Statistical Methods
- (3) Elementary Statistical Methods
- (4) Systematic Botany
- (5) Introductory Entomology and Insect Ecology
- (6) Editing Manuscripts on Agriculture
- (7) Scientific French

- (8) Intermediate Scientific German
- (9) Russian
- (10) Spanish

The 4 courses withdrawn were--

- (1) Advanced Inorganic Chemistry
- (2) Plant Genetics
- (3) The Population of the Soil and its Significance
- (4) Photo-chemical Reactions in Biological Phenomena

The number of students registered this school year was 490, compared with 505 in 1930-31, 331 in 1929-30, 226 in 1928-29, 218 in 1927-28, and 111 in 1926-27.

Of the 490 students registered this year 296 were from the Department and 194 from other sources, mainly other Departments, as follows:

From the Department:

Bureau of Agricultural Economics.....	74	
Bureau of Plant Industry	54	
Bureau of Chemistry and Soils.....	49	
Food and Drug Administration.....	30	
Forest Service.....	19	
Bureau of Animal Industry	16	
Bureau of Entomology	15	
Bureau of Public Roads.....	7	
Bureau of Home Economics.....	6	
Plant Quarantine and Control Administration....	6	
Extension Service.....	5	
Weather Bureau	4	
Bureau of Dairy Industry.....	3	
Library of the Department.....	3	
Office of Information.....	2	
Office of Assistant Secretary.....	1	
Grain Futures	1	
Bureau of Biological Survey	1	296

From other sources:

City.....	38
Census.....	25
Federal Farm Board	15
Commerce Department.....	15
Treasury Department.....	14
Interior Department.....	13
Labor Department.....	9
Bureau of Standards.....	7

University of Maryland.....	7
Smithsonian Institution.....	7
General Accounting Office.....	6
War Department.....	5
Catholic University.....	5
State Department.....	4
Civil Service Commission.....	4
Navy Department.....	4
Veterans Bureau.....	4
Tariff Commission.....	3
Federal Reserve Board.....	2
Shipping Board.....	1
Vocational Education Board.....	1
Federal Radio Commission.....	1
Federal Trade Commission.....	1
Food Research Institute.....	1
National Institute of Health.....	1
District Government.....	1
	194

The following is a brief resume of the record of the number of students in each of the 23 courses given, total tuition received for each course, salaries paid instructors for each, and the surplus or deficit for each:

	Number students	Tui- tion	Sala- ries	Sur- plus	Defi- cit
(1) Control of Plant Diseases.....	11	\$275.00	\$407.50	\$ 00.00	\$132.50
(2) Phase Rule and Ca- talysis.....	29	565.00	300.00	255.00	00.00
(3) Advanced Statistics Biolog. Workers..	12	249.50	300.00	00.00	50.50
(4) Scientific Instru- ments and Use....	15	200.00	230.00	00.00	30.00
(5) Advanced Statis- tical Methods....	52	895.00	650.00	245.00	00.00
(6) History of Ameri- can Agriculture..	10	135.00	300.00	00.00	165.00
(7) Business Cycles in Relation to Agr.	13	285.00	300.00	00.00	15.00

	Number students	Tui- tion	Sala- ries	Sur- plus	Defi- cit
(8) Plant Anatomy.....	16	\$385.00	\$300.00	\$ 85.00	\$00.00
(9) General Protozoology.....	5	60.00	150.00	00.00	90.00
(10) Prices and Price Re- lations.....	10	155.00	150.00	5.00	00.00
(11) Introduction to En- zyme Chemistry.....	23	183.00	75.00	108.00	00.00
(12) Elementary Mathemat- ical Economics.....	4	59.00	90.00	00.00	31.00
(13) Glass Blowing.....	19	365.00	450.00	00.00	85.00
(14) Elementary Statisti- (15) cal Methods.....	103	1,740.00	900.00	840.00	00.00
(16) Systematic Botany....	13	281.00	300.00	00.00	19.00
(17) Introductory Ento- mology.....	12	240.00	300.00	00.00	60.00
(18) Editing manuscripts..	74	1,071.00	550.00	521.00	00.00
(19) Scientific French....	9	205.00	300.00	00.00	95.00
(20) Scientific Ger- man.....	22	420.00	300.00	120.00	00.00
(21) Mycology.....	13	195.00	150.00	45.00	00.00
(22) Russian.....	19	340.00	300.00	40.00	00.00
(23) Spanish.....	6	60.00	150.00	00.00	90.00
Interpreting Agri- culture (last yr.)		10.00			
Elementary Statistics (last year).....		2.00			
Secretary and Disb.Of			320.00		
	490	8,375.50	7,272.50	2,264.00	863.00

In accordance with the policy of the School, 6 lectures were given during the school year, 3 free and 3 with an honorarium. These lectures were by--

Dr. Jacob Lange, The Folk High School and its
Influence on Rural Life and Work

Dr. M. C. Rayner, Review of Modern Work on Orchi-
daceae and Ericaceae

Dr. M. C. Rayner, Mycorrhiza of Trees

Dr. Clarence Birdseye, Quick Freezing and its Impli-
cations for the Distribution of Food Products

Dr. Mordecai Ezekiel, Organization of the New Rus-
sian Agriculture and the Methods of Teaching and
Extension in Soviet Russia.

Mr. Paul C. Nyhus, Some Economic Aspects of Chinese
Agriculture.

During the year the--

Number of announcements of courses published was... 3

Number of announcements distributed, about..... 8000

Number of annual reports for 1930-31 printed
and partially distributed..... 100

Number of registration forms printed..... 500

Number of receipts printed..... 500

Number of registration cards made out..... 704

Number of letters received..... 542

Number of letters written..... 638

Announcements of lectures printed..... 5

Announcements of lectures printed and mostly dis-
tributed, about..... 6000

We have discontinued sending the grades of students to
the Chiefs of branches of the Department, this being done
in accordance with requests from some of the students.

Following is the financial statement for
the year:

Receipts:

Amount brought forward from 1930-31.....	\$4,377.93	
Tuition.....	8,375.50	
Interest on bonds and bank stock.....	265.21	
Freight refund.....	36	\$13,019.00

Expenditures:

Government bonds.....	3,183.40	
Safety deposit box rental for year.....	3.00	
Refunds of tuition.....	122.50	
Supplies.....	198.72	
Freight and drayage.....	8.28	
Running elevator and placing chairs....	54.00	
Treasurer's bond.....	5.00	
Honoraria for lectures.....	150.00	
Salaries to instructors, et al.....	7,272.50	\$10,997.40
Balance this year.....		2,021.60
Government bonds of School.....		6,000.00
Total assets.....		8,021.60

Sincerely yours,

Kellie E. Fealy

Administrative Assistant
and Secretary of Graduate School.